Please amend the above identified application as follows:

In the Claims:

at claim 7, page 28, line 32; claim 9, page 30, line 31; claim 10, page 32, line 30; claim 13, page 37, line 12; and claim 14, page 39, line 7, delete "or" and insert therefor --and--;

at claim 7, page 29, line 6; claim 9, page 31, line 9 and claim 13, page 37, line 17, delete "compound" and insert therefor --analogue--;

at claim 9, page 30, lines 18 and 22; and claim 10, pg. 32, lines 17 and 21, insert --,-- after the word "β-Nal";

at claim 10, page 31, line 30, after "Arg", insert --, deleted--;

at claim 11, page 34, line 21, and page 35, lines 3 and 6, delete "Glu^6" and insert therefor --Gln^6--;

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13 (amended). A PTHrP analogue of formula (IV) that selectively binds to the PTH2 receptor,

$(R^1R^2)-A^1-A^2-A^3-A^4-A^5-A^6-A^7-A^8-A^9-A^{10}-A^{11}-A^{12}-A^{13}-A^{14}-A^{15}-A^{16}-A^{17}-A^{18}-A^{19}-A^{20}-A^{21}-A^{22}-A^{23}-A^{24}-A^{25}-A^{26}-A^{27}-A^{28}-A^{29}-A^{30}-A^{31}-A^{32}-A^{33}-A^{34}-A^{35}-A^{36}-A^{37}-A^{38}-R^3$,

(IV)

or a pharmaceutically acceptable salt thereof, wherein

A^1 is Ala, Ser, Dap, Thr, Aib or is deleted;

A^2 is Val or is deleted;

A^3 is Ser, Aib, Thr or is deleted;

A^4 is Glu, Asp or is deleted;

A^5 is His, Ile, Acc, Val, Nle, Phe, Leu, p-X-Phe, β-Nal, Aib, Cha or is deleted;

A^6 is Gln, a hydrophilic amino acid or is deleted;

A^7 is Leu, Val, Cha, Nle, β-Nal, Trp, Pal, Acc, Phe, p-X-Phe, Aib, a lipophilic amino acid or is deleted;

A^8 is Leu, Met, Acc, Cha, Aib, Nle, Phe, Ile, Val, β-Nal, p-X-Phe, a lipophilic amino acid or is deleted;

A^9 is His, a hydrophilic amino acid or is deleted;

A^{10} is Asp, Asn, a hydrophilic amino acid or is deleted;

A^{11} is Lys, Arg, Leu, Cha, Aib, p-X-Phe, Ile, Val, Nle, Acc, Phe, β-Nal, HN-CH($(CH_2)_n$NH-R^4)-C(O), a lipophilic D-amino acid, a hydrophilic amino acid or is deleted;

A^{12} is Gly, Acc, Aib or is deleted;

A^{13} is Lys, Arg, HN-CH($(CH_2)_n$NH-R^4)-C(O) or is deleted;

A^{14} is Ser, His or is deleted;

A^{15} is Ile, Acc, Cha, Leu, Phe, Nle, β-Nal, Trp, p-X-Phe, Val, Aib or is deleted;

A^{16} is Gln, Aib or is deleted;

A^{17} is Asp, Aib or is deleted;

A^{18} is Leu, Aib, Acc, Cha, Phe, Ile, Nle, β-Nal, Val, p-X-Phe or is deleted;

A^{19} is Arg, Lys, Aib, HN-CH($(CH_2)_n$NH-R^4)-C(O) or is deleted;

A^{20} is Arg, Lys, HN-CH($(CH_2)_n$NH-R^4)-C(O) or is deleted;

A^{21} is Arg, Lys, HN-CH($(CH_2)_n$NH-R^4)-C(O) or is deleted;

A^{22} is Phe, Glu, Aib, Acc, p-X-Phe, β-Nal, Val, Leu, Ile, Nle or Cha;

A^{23} is Phe, Leu, Lys, Acc, Cha, β-Nal, Aib, Nle, Ile, p-X-Phe, Val or Trp;

A^{24} is Leu, Lys, Acc, Nle, Ile, Val, Phe, β-Nal, Aib, p-X-Phe, Arg or Cha;

A^{25} is His, Lys, Aib, Acc, Arg or Glu;

A^{26} is His, Aib, Acc, Arg or Lys;

A^{27} is Leu, Lys, Acc, Arg, Ile, Val, Phe, Aib, Nle, β-Nal, p-X-Phe or Cha;

A^{28} is Ile, Leu, Lys, Acc, Cha, Val, Phe, p-X-Phe, Nle, β-Nal, Aib or is deleted;

A^{29} is Ala, Glu, Acc, Aib or is deleted;

A^{30} is Glu, Leu, Nle, Cha, Aib, Acc, Lys, Arg or is deleted;

A^{31} is Ile, Leu, Cha, Lys, Acc, Phe, Val, Nle, β-Nal, Arg or is deleted;

A^{32} is His or is deleted;

A^{33} is Thr, Ser or is deleted;

A^{34} is Ala, Phe, Tyr, Cha, Val, Ile, Leu, Nle, β-Nal, Aib, Acc or is deleted;

A^{35} is Glu, Asp or is deleted;

A^{36} is Ile, Acc, Cha, Leu, Phe, Nle, β-Nal, Trp, p-X-Phe, Val, Aib or is deleted;

A^{37} is Arg, Lys, HN-CH($(CH_2)_n$NH-R^4)-C(O) or is deleted;

A^{38} is Ala, Phe, Tyr, Cha, Val, Ile, Leu, Nle, β-Nal, Aib, Acc or is deleted;

where X for each occurrence is independently selected from the group consisting of OH, a halo and CH_3;

R^1 and R^2 are each independently selected from the group consisting of H, (C_{1-30})alkyl, (C_{2-30})alkenyl, phenyl-(C_{1-30})alkyl, naphthyl(C_{1-30})alkyl, hydroxy(C_{1-30})alkyl, hydroxy(C_{2-30})alkenyl, hydroxy-phenyl(C_{1-30})alkyl or hydroxy-naphthyl(C_{1-30})alkyl;

or one of R^1 or R^2 is COE^1 where E^1 is (C_{1-30})alkyl, (C_{2-30})alkenyl, phenyl(C_{1-30})alkyl, naphthyl(C_{1-30})alkyl, hydroxy(C_{1-30})alkyl, hydroxy(C_{2-30})alkenyl, hydroxy-phenyl(C_{1-30})alkyl or hydroxy-naphthyl(C_{1-30})alkyl;

R^3 is OH, NH_2, (C_{1-30})alkoxy or NH-Y-CH_2-Z, where Y is a (C_{1-30}) hydrocarbon moiety and Z is CO_2H or $CONH_2$;

n for each occurrence is independently an integer from 1 to 5; and

R^4 for each occurrence is independently (C_1-C_{30})alkyl, (C_1-C_{30})acyl or -C((NH)(NH_2));

provided that the compound is not PTHrP(1-34)R^3, PTHrP(1-35)R^3, PTHrP(1-36)R^3, PTHrP(1-37)R^3 or PTHrP(1-38)R^3,

and further provided that the compound is not [Ile^5, Trp^{23}]PTHrP(1-36) or [Trp^{23}]PTHrP(1-36).

14 (amended). A compound of formula (V),

(R^1R^2)-A^1-A^2-A^3-A^4-A^5-A^6-A^7-A^8-A^9-A^{10}-A^{11}-A^{12}-A^{13}-A^{14}-A^{15}-A^{16}-A^{17}-A^{18}-A^{19}-A^{20}-A^{21}-A^{22}-A^{23}-A^{24}-A^{25}-A^{26}-A^{27}-A^{28}-A^{29}-A^{30}-A^{31}-A^{32}-A^{33}-A^{34}-A^{35}-A^{36}-A^{37}-A^{38}-R^3 ,

(V)

or a pharmaceutically acceptable salt thereof, wherein

A^1 is Ala, Ser, Dap, Thr, Aib or is deleted;

A^2 is Val or is deleted;

A^3 is Ser, Aib, Thr or is deleted;

A^4 is Glu, Asp or is deleted;

A^5 is His, Ile, Acc, Val, Nle, Phe, Leu, p-X-Phe, β-Nal, Aib, Cha or is deleted;

A^6 is Gln, a hydrophilic amino acid or is deleted;

A^7 is Leu, Val, Cha, Nle, β-Nal, Trp, Pal, Acc, Phe, p-X-Phe, Aib, a lipophilic amino acid or is deleted;

A^8 is Leu, Met, Acc, Cha, Aib, Nle, Phe, Ile, Val, β-Nal, p-X-Phe, a lipophilic amino acid or is deleted;

A^9 is His, a hydrophilic amino acid or is deleted;

A^{10} is Asp, Asn, a hydrophilic amino acid or is deleted;

A^{11} is Lys, Arg, Leu, Cha, Aib, p-X-Phe, Ile, Val, Nle, Acc, Phe, β-Nal, HN-CH($(CH_2)_n$NH-R^4)-C(O), a lipophilic D-amino acid, a hydrophilic amino acid or is deleted;

A^{12} is Gly, Acc, Aib or is deleted;

A^{13} is Lys, Arg, HN-CH($(CH_2)_n$NH-R^4)-C(O) or is deleted;

A^{14} is Ser, His or is deleted;

A^{15} is Ile, Acc, Cha, Leu, Phe, Nle, β-Nal, Trp, p-X-Phe, Val, Aib or is deleted;

A^{16} is Gln, Aib or is deleted;

A^{17} is Asp, Aib or is deleted;

A^{18} is Leu, Aib, Acc, Cha, Phe, Ile, Nle, β-Nal, Val, p-X-Phe or is deleted;

A^{19} is Arg, Lys, Aib, HN-CH($(CH_2)_n$NH-R^4)-C(O) or is deleted;

A^{20} is Arg, Lys, HN-CH($(CH_2)_n$NH-R^4)-C(O) or is deleted;

A^{21} is Arg, Lys, HN-CH($(CH_2)_n$NH-R^4)-C(O) or is deleted;

A^{22} is Phe, Glu, Aib, Acc, p-X-Phe, β-Nal, Val, Leu, Ile, Nle or Cha;

A^{23} is Phe, Leu, Lys, Acc, Cha, β-Nal, Aib, Nle, Ile, p-X-Phe, Val or Trp;

A^{24} is Leu, Lys, Acc, Nle, Ile, Val, Phe, β-Nal, Aib, p-X-Phe, Arg or Cha;

A^{25} is His, Lys, Aib, Acc, Arg or Glu;

A^{26} is His, Aib, Acc, Arg or Lys;

A^{27} is Leu, Lys, Acc, Arg, Ile, Val, Phe, Aib, Nle, β-Nal, p-X-Phe or Cha;

A^{28} is Ile, Leu, Lys, Acc, Cha, Val, Phe, p-X-Phe, Nle, β-Nal, Aib or is deleted;

A^{29} is Ala, Glu, Acc, Aib or is deleted;

A^{30} is Glu, Leu, Nle, Cha, Aib, Acc, Lys, Arg or is deleted;

A^{31} is Ile, Leu, Cha, Lys, Acc, Phe, Val, Nle, β-Nal, Arg or is deleted;

A^{32} is His or is deleted;

A^{33} is Thr, Ser or is deleted;

A^{34} is Ala, Phe, Tyr, Cha, Val, Ile, Leu, Nle, β-Nal, Aib, Acc or is deleted;

A^{35} is Glu, Asp or is deleted;

A^{36} is Ile, Acc, Cha, Leu, Phe, Nle, β-Nal, Trp, p-X-Phe, Val, Aib or is deleted;

A^{37} is Arg, Lys, HN-CH($(CH_2)_n$NH-R^4)-C(O) or is deleted;

A^{38} is Ala, Phe, Tyr, Cha, Val, Ile, Leu, Nle, β-Nal, Aib, Acc or is deleted;

where X for each occurrence is independently selected from the group consisting of OH, a halo and CH_3;

R^1 and R^2 are each independently selected from the group consisting of H, (C_{1-30})alkyl, (C_{2-30})alkenyl, phenyl-(C_{1-30})alkyl, naphthyl(C_{1-30})alkyl, hydroxy(C_{1-30})alkyl, hydroxy(C_{2-30})alkenyl, hydroxy-phenyl(C_{1-30})alkyl or hydroxy-naphthyl(C_{1-30})alkyl;

or one of R^1 or R^2 is COE^1 where E^1 is (C_{1-30})alkyl, (C_{2-30})alkenyl, phenyl(C_{1-30})alkyl, naphthyl(C_{1-30})alkyl, hydroxy(C_{1-30})alkyl, hydroxy(C_{2-30})alkenyl, hydroxy-phenyl(C_{1-30})alkyl or hydroxy-naphthyl(C_{1-30})alkyl;

R^3 is OH, NH_2, (C_{1-30})alkoxy or NH-Y-CH_2-Z, where Y is a (C_{1-30}) hydrocarbon moiety and Z is CO_2H or $CONH_2$;

n for each occurrence is independently an integer from 1 to 5; and

R^4 for each occurrence is independently (C_1-C_{30})alkyl, (C_1-C_{30})acyl or -C((NH)(NH_2));